FIG.

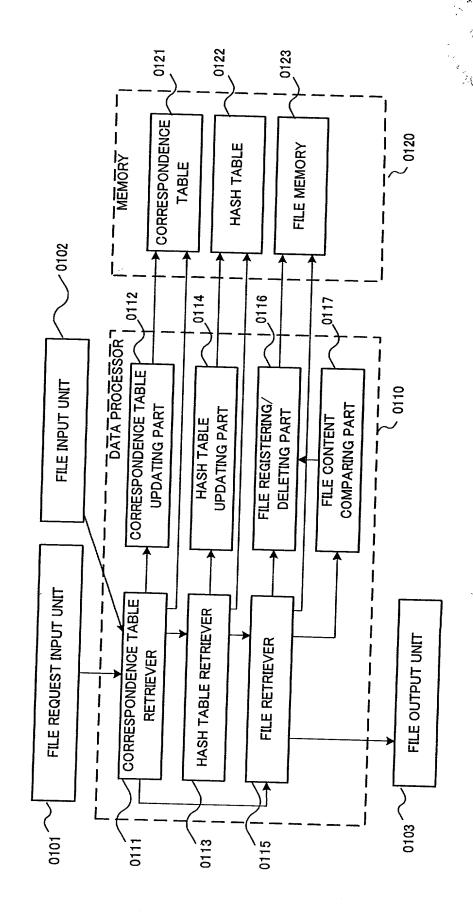


FIG.2

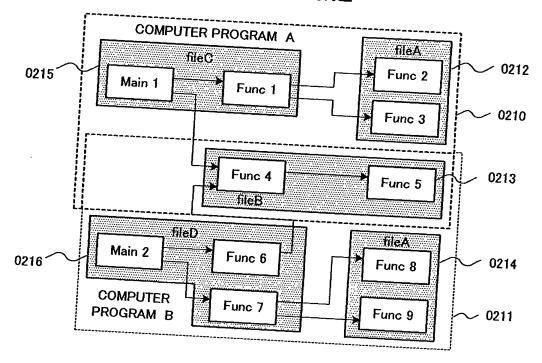


FIG.3

Γ			
-	FILE NAME	FILE ID	MANAGING ID
	file A	usr 001. prog 01	A-1
		usr 001. prog 02	A-2
1		usr 002. prog 01	A-1
	file B	usr 002. prog 01	B-1
-		usr 003. prog 01	B-2
	:	:	:

FIG.4

FILE NAME	FILE	MANAGING ID
	FuncA ( ) 0401	A-1
file A	FuncB ( ) 0402	A-2
	FuncC()0403	A-3

(a)

KEY VALUE	MANAGING ID	
HASH TABLE FOR	A-1	
FILE 0401(=aaaa)		
HASH TABLE FOR		
FILE 0402(=bbbb)	A−2	
HASH TABLE FOR		
FILE 0403(=bbbb)	A-3	
FILE 0402(=bbbb) HASH TABLE FOR	A-2 A-3	

(b)

FIG.8

MANAGING ID	FILE	
A-1	FuncA ( ) 0401	
A-2	FuncB() 0402	
A-3	FuncC() 0403	

FIG.5

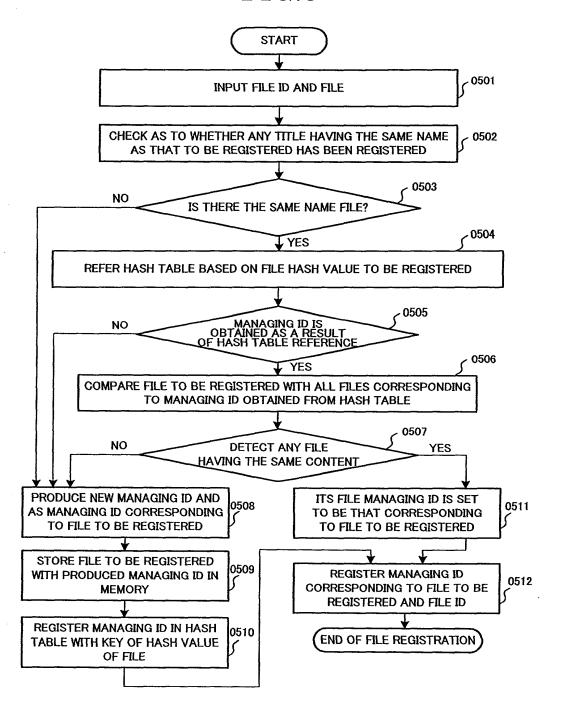


FIG.6

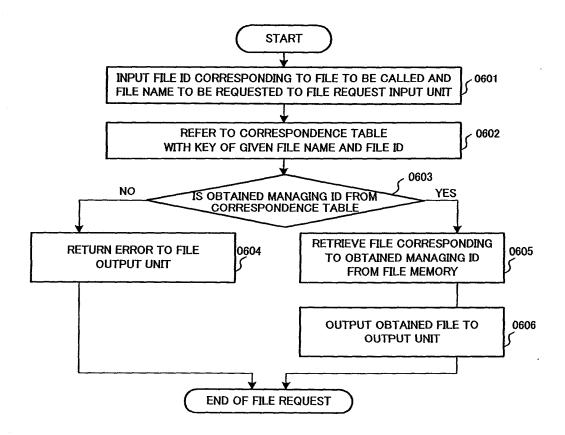
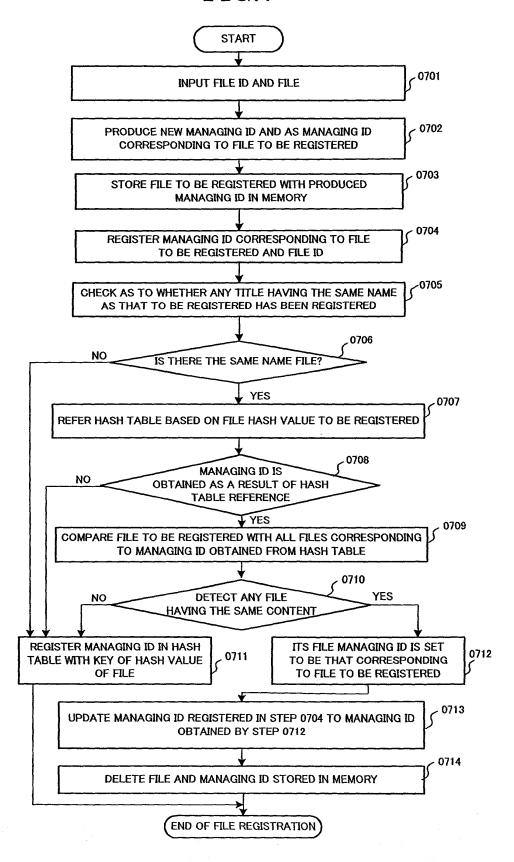
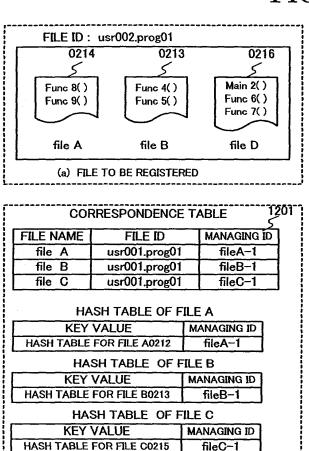


FIG.7



### FIG.9



-1203

**FILE MEMORY** 

FILE Func 2()

Func 3()

Func 4()

Func 5()

Main 1()

Func 1()

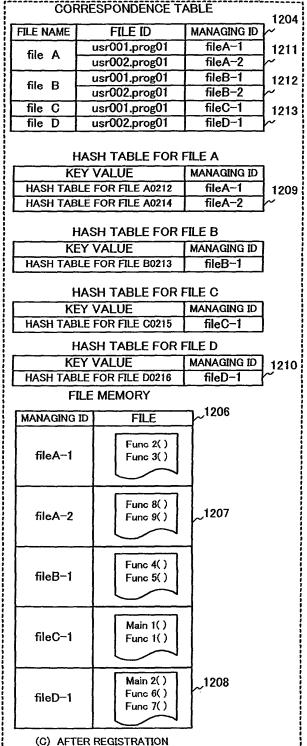
(b) BEFORE REGISTRATION

MANAGING ID

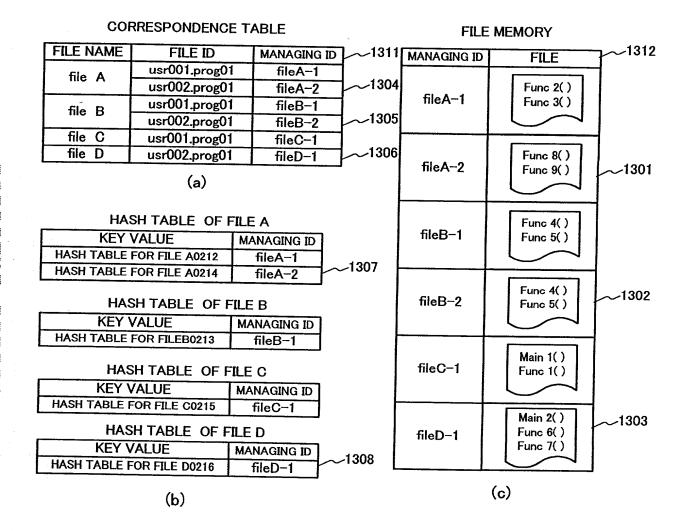
fileA-1

fileB-1

fileC-1



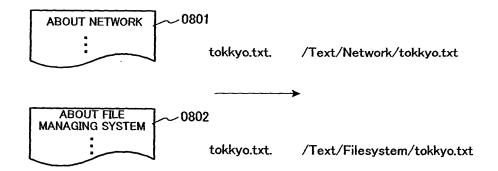
### **FIG.10**



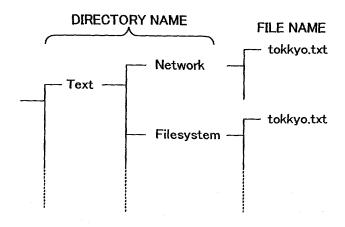
# **FIG.11**

File	ĪD	
HASH TABLE FOR FILE 0401	A-1	← FOR FILE NAME"file A"
HASH TABLE FOR FILE 0402	A-2	FOR FILE NAME"file A"
HASH TABLE FOR FILE 0403	A-3	FOR FILE NAME"file A"
HASH TABLE FOR FILE 0404	B-1	FOR FILE NAME"file B"
HASH TABLE FOR FILE 0405	B-2	FOR FILE NAME"file B"
	:	
	_	

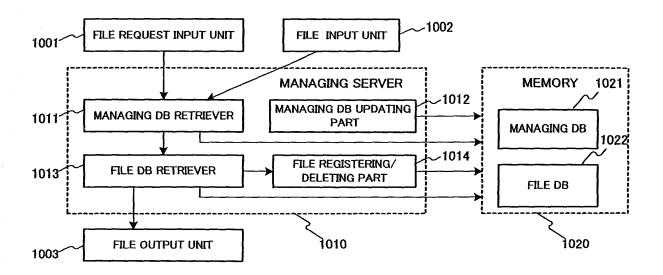
# **FIG.12**



# FIG.13



**FIG.14** 



**FIG.15** 

TYPE	FILE NAME	VERSION	MANAGING ID			
1	Α	1.0	001			
2	Α	1.0	002			
1	Α	2.0	003			
1	В	1.0	004			
:						